

Advanced Technologies, Inc.

3758 West Devon Avenue | Lincolnwood, IL 60712 | USA
Sales: +1-800-815-6908 | Service: +1-847-329-9875 | Fax: +1-847-410-0094
Email: sales@tekvend.com | Web: <http://www.tekvend.com>

M200 Series Copier Controller



Product Overview

The M200 Series Copier Controller accepts one coin to vend one copy. That coin can be a nickel (M205), dime (M210) or quarter (M225).

The M200 Series Controller's housing - similar to a tall and narrow "breadbox" - allows for easy mounting on any of its three non-faceplate sides.

The M200 Series Controller runs safely off the low signal voltages of its attached copier, and comes standard with both a copier specific spring and bypass keyswitch.

Technical Specifications

- Accommodates 5 VDC to 30 VDC signals from copier
- Rugged tubular lock
- \$70 cashbox capacity
- Dimensions: 16.5" x 5.75" x 6"
- Weight: 12 lb

Warranty

The M200 is warranted against manufacturing defects for a period of one year from date of shipment, to be determined by the serial number on the inside of its housing.

To honor legitimate warranty claims, Advanced Technologies (TekVend) agrees to repair or replace at its discretion any M200 Series Controller found defective for manufacturing defects within the warranty period specified. Advanced Technologies (TekVend) additionally agrees to pay ground return shipping and insurance on these warranty repairs or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair. Installer is expected to use the original copier specific harness (spring) supplied by Advanced Technologies (TekVend), and install the M200 on the originally specified copier, unless otherwise authorized.

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M6000 CreditVend™ Copier / Printer Controller



Product Overview

The M6000 CreditVend™ Copier / Printer Controller accepts nickels, dimes, quarters, and dollar coins to vend one or more images, depending on the amount of monetary value (credit) not yet spent.

One price is available for all image types.

The M6000 employs SmartCoin™ technology to ensure that change is always available for every conceivable vending situation.

Foreign coin mechanisms are available for select countries. Please contact us for foreign vending applications.

Electromechanical Features

- Two-line backlit user-friendly LCD display
- Two pushbutton switches for programming and readouts
- Red "message" light
- Semi-gloss enamel finish resists marring, scratches
- High security tubular housing lock
- Bypass keyswitch for free copies
- Bent coin return and change request plunger
- Large coin return cup
- Standard copier specific harness (spring) included
- Large cash box (\$900 capacity)
- Single board, single chip design
- Three tube MDB changer (N, D, Q, \$1 Coin, \$41 capacity)
- Optional five tube US-Canadian MDB changer (N, D, Q, \$1 Coin, \$B2 maximum capacity)

Software Features

- SmartCoin™ technology assures that change is always available for every conceivable vending situation
- User-friendly instructions during vending, programming and readouts
- Exact change and error messages indicated by blinking red LED
- Seamless transition to and from exact change mode ensures that controller "works out of the box"
- Resettable counter allows user to monitor copying by copies per original, or total copies made per vend cycle
- AccumuVend™ technology allows user to add monetary value "on the fly" i.e. while copies are being made
- Time delay reset (TDR) ensures full copy imaging on last full copy credit
- Anti-cheating timeout delay monitors for late copy counts after change return request made
- Readouts show current (resettable) and cumulative (nonresettable) vend and bypass copies totals

Technical Specifications

- Controller uses safe low voltage (24 VAC)
- Controller totally isolated from copier / printer
- Controller works on most all copiers and with most copier signals
- Canadian coin acceptance switch selectable with high capacity changer
- Two key coin inventory system adds measure of security
- Dimensions: 25.5" x 16" x 5.5"
- Weight: 42 lb

Warranty

The M6000 is warranted against manufacturing defects for a period of two years from date of shipment, to be determined by the serial number on its main board's

microchip. Warranties for components of the M6000, if different, supercede this general warranty.

Specifically, the standard MDB changer is warranted against manufacturing defects for a period of two years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Additionally, the optional MDB changer is warranted against manufacturing defects for a period of three years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Advanced Technologies (TekVend) agrees to repair or replace at its discretion any of the above items within the warranty periods specified for them. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on all warranty repair or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair. Installer is expected to use the original copier specific harness (strip) supplied by Advanced Technologies (TekVend), and install the M6000 on the originally specified copier, unless otherwise authorized.

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M6500 CreditVend™ Copier / Printer Controller



Product Overview

The M6500 CreditVend™ Copier / Printer Controller accepts nickels, dimes, quarters, dollar coins and \$1 and \$5 bills to vend one or more images, depending on the amount of monetary value (credit) not yet spent.

One price is available for all image types.

The M6500 employs SmartCoin™ technology to ensure that change is always available for every conceivable vending situation.

Foreign coin mechanisms and bill validators are available for select countries. Please contact us for foreign vending applications.

Electromechanical Features

- Two-line backlit user-friendly LCD display
- Two pushbutton switches for programming and readouts
- Red "message" light
- Semi-gloss enamel finish resists marring, scratches
- High security tubular housing lock
- Bypass keyswitch for free copies
- Bent coin return and change request plunger
- Large coin return cup
- Safe 24 VAC external power supply included
- Standard copier specific harness (spring) included
- Large cash box (\$900 capacity)
- Single board, single chip design
- Three tube MDB changer (N, D, Q, \$1 Coin, \$41 capacity)
- Optional five tube US-Canadian MDB changer (N, D, Q, \$1 Coin, \$82 maximum capacity)
- Self diagnostic MDB bill validator (\$1 and \$5 bills, \$500 capacity)

Software Features

- SmartCoin™ technology assures that change is always available for every conceivable vending situation
- SmartCoin™ technology dynamically controls bill type acceptance based on maximum credit allowed, and change available
- User-friendly instructions during vending, programming and readouts
- Exact change and error messages indicated by blinking red LED
- Seamless transition to and from exact change mode ensures that controller "works out of the box"
- Resettable counter allows user to monitor copying by copies per original, or total copies made per vend cycle
- AccumuVend™ technology allows user to add monetary value "on the fly" i.e. while copies are being made
- Time delay reset (TDR) ensures full copy imaging on last full copy credit
- Anti-cheating timeout delay monitors for late copy counts after change return request made
- Readouts show current (resettable) and cumulative (nonresettable) vend and bypass copies totals

Technical Specifications

- Controller uses safe low voltage (24 VAC)
- Controller totally isolated from copier / printer
- Controller works on most all copiers and with most copier signals
- Canadian coin acceptance switch selectable with high capacity changer
- Two key coin inventory system adds measure of security
- Dimensions: 25.5" x 16" x 5.5"
- Weight: 46 lb

Warranty

The M6500 is warranted against manufacturing defects for a period of two years from date of shipment, to be determined by the serial number on its main board's microchip. Warranties for components of the M6500, if different, supercede this general warranty.

Specifically, the standard MDB changer is warranted against manufacturing defects for a period of two years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Additionally, the optional MDB changer is warranted against manufacturing defects for a period of three years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

The bill validator is warranted against manufacturing defects for a period of three years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Advanced Technologies (TekVend) agrees to repair or replace at its discretion any of the above items within the warranty periods specified for them. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on all warranty repair or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair. Installer is expected to use the original copier specific harness (spring) supplied by Advanced Technologies (TekVend), and install the M6500 on the originally specified copier, unless otherwise authorized.

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M6506 CreditVend™ Copier / Printer Controller



Product Overview

The M6506 CreditVend™ Copier / Printer Controller accepts nickels, dimes, quarters, dollar coins and \$1 and \$5 bills to vend one or more images, depending on the amount of monetary value (credit) not yet spent.

Six prices are available to support up to six image types e.g., letter, legal and ledger, for black and white, or full color copies. Other pricing schemes are possible, depending on copier make and model (e.g., two color, reduction and enlargement, etc.). The multi-pricing capability of the M6506 can only be used on copiers supporting mode B or serial communication protocols.

The M6506 employs SmartCoin™ technology to ensure that change is always available for every conceivable vending situation.

Foreign coin mechanisms and bill validators are available for select countries. Please contact us for foreign vending applications.

Electromechanical Features

- Two-line backlit user-friendly LCD display
- Two pushbutton switches for programming and readouts
- Red "message" light
- Semi-gloss enamel finish resists marring, scratches
- High security tubular housing lock
- Bypass keyswitch for free copies
- Bent coin return and change request plunger
- Large coin return cup
- Safe 24 VAC external power supply included
- Standard copier specific harness (spring) included
- Large cash box (\$900 capacity)
- Single board, single chip design
- Three tube MDB changer (N, D, Q, \$1 Coin, \$41 capacity)
- Optional five tube US-Canadian MDB changer (N, D, Q, \$1 Coin, \$82 maximum capacity)
- Self diagnostic MDB bill validator (\$1 and \$5 bills, \$500 capacity)

Software Features

- SmartCoin™ technology assures that change is always available for every conceivable vending situation
- SmartCoin™ technology dynamically controls bill type acceptance based on maximum credit allowed, and change available
- User-friendly instructions during vending, programming and readouts
- Exact change and error messages indicated by blinking red LED
- Seamless transition to and from exact change mode ensures that controller "works out of the box"
- Resettable counter allows user to monitor copying by copies per original, or total copies made per vend cycle
- AccumuVend™ technology allows user to add monetary value "on the fly" i.e. while copies are being made
- Time delay reset (TDR) ensures full copy imaging on last full copy credit
- Anti-cheating timeout delay monitors for late copy counts after change return request made
- Readouts show current (resettable) and cumulative (nonresettable) vend and bypass copies totals by copy type (A through F)

Technical Specifications

- Controller uses safe low voltage (24 VAC)
- Controller totally isolated from copier / printer
- Controller works on most all copiers and with most copier signals
- Fully compatible with Ricoh Aficio, Xerox and Minolta color copiers

- Canadian coin acceptance switch selectable with high capacity changer
- Two key coin inventory system adds measure of security
- Dimensions: 25.5" x 16" x 5.5"
- Weight: 46 lb

Warranty

The M6506 is warranted against manufacturing defects for a period of two years from date of shipment, to be determined by the serial number on its main board's microchip. Warranties for components of the M6506, if different, supercede this general warranty.

Specifically, the standard MDB changer is warranted against manufacturing defects for a period of two years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Additionally, the optional MDB changer is warranted against manufacturing defects for a period of three years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

The bill validator is warranted against manufacturing defects for a period of three years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Advanced Technologies (TekVend) agrees to repair or replace at its discretion any of the above items within the warranty periods specified for them. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on all warranty repair or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair. Installer is expected to use the original copier specific harness (spring) supplied by Advanced Technologies (TekVend), and install the M6506 on the originally specified copier, unless otherwise authorized.

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M7500 CreditVend™ Copier / Printer Controller



Product Overview

The M7500 CreditVend™ Copier / Printer Controller accepts nickels, dimes, quarters, dollar coins, \$1, \$2, \$5, \$10 and \$20 bills and proprietary magnetic debit cards to vend one or more images, depending on the amount of monetary or card value (credit) not yet spent. The M7500 comes standard with a high capacity premium changer.

One price is available for all image types.

The M7500 employs SmartCoin™ technology to ensure that change is always available for every conceivable vending situation. Value can be added to cards, and value on cards can be used to make images, but value on cards cannot be converted to money.

Foreign coin mechanisms and bill validators are available for select countries. Please contact us for foreign vending applications.

Electromechanical Features

- Two-line backlit user-friendly LCD display
- Two pushbutton switches for programming and readouts
- Red "message" light
- Semi-gloss enamel finish resists marring, scratches
- High security tubular housing lock
- Bypass keyswitch for free copies
- Bent coin return and change request plunger
- Large coin return cup
- Safe 24 VAC external power supply included
- Standard copier specific harness (spring) included
- Large cash box (\$900 capacity)
- Single board, single chip design
- Five tube US-Canadian MDB changer (N, D, Q, \$1 Coin, \$82 maximum capacity) standard
- Self diagnostic MDB bill validator (\$1, \$2, \$5, \$10 and \$20 Bills, \$500 capacity)
- Card programmable MDB card reader for making, revaluing and using debit cards

Software Features

- SmartCoin™ technology assures that change is always available for every conceivable vending situation
- SmartCoin™ technology dynamically controls bill type acceptance based on maximum credit allowed, and change available
- User-friendly instructions during vending, programming and readouts
- Exact change and error messages indicated by blinking red LED
- Seamless transition to and from exact change mode ensures that controller "works out of the box"
- Resettable counter allows user to monitor copying by copies per original, or total copies made per vend cycle
- AccumuVend™ technology allows user to add monetary value "on the fly" i.e. while copies are being made
- In card mode, unused credit is always returned to card
- In card mode, copier / printer use privileges are determined by a group number field stored on the card
- Virtual cards can be initialized for group number and value directly on the controller
- Card revaluation can be turned off
- Card vend price can be different than cash vend price
- Time delay reset (TDR) ensures full copy imaging on last full copy credit
- Anti-cheating timeout delay monitors for late copy counts after change return request made

- Readouts show current (resettable) and cumulative (nonresettable) vend and bypass copies totals

Technical Specifications

- Controller uses safe low voltage (24 VAC)
- Controller totally isolated from copier / printer
- Controller works on most all copiers and with most copier signals
- Canadian coin acceptance switch selectable with high capacity changer
- Two key coin inventory system adds measure of security
- Dimensions: 25.5" x 16" x 5.5"
- Weight: 46 lb

Warranty

The M7500 is warranted against manufacturing defects for a period of two years from date of shipment, to be determined by the serial number on its main board's microchip. Warranties for components of the M7500, if different, supercede this general warranty.

Specifically, the MDB changer is warranted against manufacturing defects for a period of three years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

The bill validator is warranted against manufacturing defects for a period of two years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Note that the card reader is warranted against manufacturing defects for a period of one year from date of shipment, to be determined by the serial number on the card reader itself.

Advanced Technologies (TekVend) agrees to repair or replace at its discretion any of the above items within the warranty periods specified for them. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on all warranty repair or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair. Installer is expected to use the original copier specific harness (spring) supplied by Advanced Technologies (TekVend), and install the M7500 on the originally specified copier, unless otherwise authorized.

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M7506 CreditVend™ Copier / Printer Controller



Product Overview

The M7506 CreditVend™ Copier / Printer Controller accepts nickels, dimes, quarters, dollar coins, \$1, \$2, \$5, \$10 and \$20 bills and proprietary magnetic debit cards to vend one or more images, depending on the amount of monetary or card value (credit) not yet spent. The M7506 comes standard with a high capacity premium changer.

Six prices are available to support up to six image types e.g., letter, legal and ledger, for black and white, or full color copies. Other pricing schemes are possible, depending on copier make and model (e.g., two color, reduction and enlargement, etc.). The multi-pricing capability of the M7506 can only be used on copiers supporting mode B or serial communication protocols.

The M7506 employs SmartCoin™ technology to ensure that change is always available for every conceivable vending situation. Value can be added to cards, and value on cards can be used to make images, but value on cards cannot be converted to money.

Foreign coin mechanisms and bill validators are available for select countries. Please contact us for foreign vending applications.

Electromechanical Features

- Two-line backlit user-friendly LCD display
- Two pushbutton switches for programming and readouts
- Red "message" light
- Semi-gloss enamel finish resists marring, scratches
- High security tubular housing lock
- Bypass keyswitch for free copies
- Bent coin return and change request plunger
- Large coin return cup
- Safe 24 VAC external power supply included
- Standard copier specific harness (spring) included
- Large cash box (\$900 capacity)
- Single board, single chip design
- Five tube US-Canadian MDB changer (N, D, Q, \$1 Coin, \$82 maximum capacity) standard
- Self diagnostic MDB bill validator (\$1, \$2, \$5, \$10 and \$20 Bills, \$500 capacity)
- Card programmable MDB card reader for making, revaluing and using debit cards

Software Features

- SmartCoin™ technology assures that change is always available for every conceivable vending situation
- SmartCoin™ technology dynamically controls bill type acceptance based on maximum credit allowed, and change available
- User-friendly instructions during vending, programming and readouts
- Exact change and error messages indicated by blinking red LED
- Seamless transition to and from exact change mode ensures that controller "works out of the box"
- Resettable counter allows user to monitor copying by copies per original, or total copies made per vend cycle
- AccumuVend™ technology allows user to add monetary value "on the fly" i.e. while copies are being made
- In card mode, unused credit is always returned to card
- In card mode, copier / printer use privileges are determined by a group number field stored on the card
- Virginal cards can be initialized for group number and value directly on the controller

- Card revaluation can be turned off
- Card vend price can be different than cash vend price
- Time delay reset (TDR) ensures full copy imaging on last full copy credit
- Anti-cheating timeout delay monitors for late copy counts after change return request made
- Readouts show current (resettable) and cumulative (nonresettable) vend and bypass copies totals by copy type (A through F)

Technical Specifications

- Controller uses safe low voltage (24 VAC)
- Controller totally isolated from copier / printer
- Controller works on most all copiers and with most copier signals
- Fully compatible with Ricoh Aficio, Xerox and Minolta color copiers
- Canadian coin acceptance switch selectable with high capacity changer
- Two key coin inventory system adds measure of security
- Dimensions: 25.5" x 16" x 5.5"
- Weight: 46 lb

Warranty

The M7506 is warranted against manufacturing defects for a period of two years from date of shipment, to be determined by the serial number on its main board's microchip. Warranties for components of the M7506, if different, supercede this general warranty.

Specifically, the MDB changer is warranted against manufacturing defects for a period of three years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

The bill validator is warranted against manufacturing defects for a period of two years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Note that the card reader is warranted against manufacturing defects for a period of one year from date of shipment, to be determined by the serial number on the card reader itself.

Advanced Technologies (TekVend) agrees to repair or replace at its discretion any of the above items within the warranty periods specified for them. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on all warranty repair or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair. Installer is expected to use the original copier specific harness (spring) supplied by Advanced Technologies (TekVend), and install the M7506 on the originally specified copier, unless otherwise authorized.

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M Series Copier / Printer Controller Optional Components



High capacity
US-Canadian changer



Full body decal
[Minimum order - 50 pcs]



Floor mounting pedestal



Lockable cash box

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AC500 Bill Changer



Product Overview

Advanced Technologies offers a complete line of bill changers for bulk changing of paper currency into coins. US bills can be changed into quarters or dollar coins. Box integrity is assured with full body hinge and screw type lock.

Technical Specifications

- Single hopper
- Bill acceptor takes \$1, \$2 and \$5 bills
- Stacker capacity of 450 bills
- Hopper capacity of 1000 quarters
- Dimensions of 8.5" W X 18" H X 10" D
- Weight of 37 lb
- Optional \$1 coin hopper with 800 coin capacity

Warranty

The AC bill changers are warranted against manufacturing defects for a period of two years from date of shipment, to be determined by the serial number on its main board's microchip. Warranties for components of the AC bill changers, if different, supercede this general warranty.

Specifically, the MDB changer is warranted against manufacturing defects for a period of three years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

The bill validator is warranted against manufacturing defects for a period of two years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Note that the card reader is warranted against manufacturing defects for a period of one year from date of shipment, to be determined by the serial number on the card reader itself.

Advanced Technologies (TekVend) agrees to repair or replace at its discretion any of the above items within the warranty periods specified for them. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on all warranty repair or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair.

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AC1001 Bill Changer



Product Overview

Advanced Technologies offers a complete line of bill changers for bulk changing of paper currency into coins. US bills can be changed into quarters or dollar coins. Box integrity is assured with full body hinge and screw type lock.

Technical Specifications

- Single hopper
- Bill acceptor takes \$1, \$2, \$5, \$10 and \$20 bills
- Stacker capacity of 450 bills
- Hopper capacity of 2800 quarters / tokens OR 2200 \$1 coins
- Dimensions of 8.5" W X 26" H X 13" D
- Weight of 58 lb

Warranty

The AC bill changers are warranted against manufacturing defects for a period of two years from date of shipment, to be determined by the serial number on its main board's microchip. Warranties for components of the AC bill changers, if different, supercede this general warranty.

Specifically, the MDB changer is warranted against manufacturing defects for a period of three years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

The bill validator is warranted against manufacturing defects for a period of two years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Note that the card reader is warranted against manufacturing defects for a period of one year from date of shipment, to be determined by the serial number on the card reader itself.

Advanced Technologies (TekVend) agrees to repair or replace at its discretion any of the above items within the warranty periods specified for them. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on all warranty repair or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair.

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AC2001 Bill Changer



Product Overview

Advanced Technologies offers a complete line of bill changers for bulk changing of paper currency into coins. US bills can be changed into quarters or dollar coins. Box integrity is assured with full body hinge and screw type lock.

Technical Specifications

- Dual hopper
- Bill acceptor takes \$1, \$2, \$5, \$10 and \$20 bills
- Stacker capacity of 1000 bills
- 2 hoppers that can dispense either all quarters [2800 / hopper], all \$1 coins [2200 / hopper], or 1 hopper of each.
- Dimensions of 13.5" W X 26" H X 13" D
- Weight of 91 lb

Warranty

The AC bill changers are warranted against manufacturing defects for a period of two years from date of shipment, to be determined by the serial number on its main board's microchip. Warranties for components of the AC bill changers, if different, supercede this general warranty.

Specifically, the MDB changer is warranted against manufacturing defects for a period of three years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

The bill validator is warranted against manufacturing defects for a period of two years from date of manufacture, to be determined from the first four digits of its serial number (wwyy).

Note that the card reader is warranted against manufacturing defects for a period of one year from date of shipment, to be determined by the serial number on the card reader itself.

Advanced Technologies (TekVend) agrees to repair or replace at its discretion any of the above items within the warranty periods specified for them. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on all warranty repair or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair.

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Copicode Alpha™ Copier / Printer Controller



Product Overview

The Copicode Alpha™ Copier / Printer Controller is a fully alphanumeric keypad controller designed to vend images against accounting quotas associated with users, departments and projects.

The Alpha comes standard with approximately 1500 codes, but can be easily expended in multiples of 1500 codes, up to a maximum of 6000 codes.

The device supports two and a half levels of accounting [with the optional P200N printer], or three levels of accounting [with Copy-Track® software, using segmented user codes].

The Alpha supports individual prices for up to four different image types, depending on copier / printer make and model. The Alpha stores 10 different quotas for limiting imaging activity by user or project.

The Alpha can be configured for different keypad operation modes. Specifically, it can be set up for open accounting third party (client / matter) billing, a mode favored by the legal profession.

The Alpha has four speed buttons and four navigational arrows for quick and easy administrative programming. When used with Copy-Track software, four sets of prices are supported across a group of copiers.

With Copy-Track software, usage statistics can be downloaded, and codes uploaded, manually or serially, using either a laptop or similar device, or a network connection.

The Alpha comes standard with its own 24 VDC power supply, but it can run off power from the copier / printer in many cases. It is shipped with a copier / printer specific spring at no extra charge.

The Alpha has a small footprint, measuring only 4" x 2.5" x 7", and weighs a mere 1 lb. It comes with a one year (from date of shipment) warranty for manufacturing defects.

Warranty

The Copicode Alpha is warranted against manufacturing defects for a period of one year from date of shipment, to be determined by the serial number on its back and an internal serial number.

Advanced Technologies (TekVend) agrees to repair or replace an Alpha shown to have manufacturing defects within its warranty period. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on these warranty repairs or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair. Installer is expected to use the original copier specific harness (spring) supplied by Advanced Technologies (TekVend), and install the Copicode Alpha on the originally specified copier, unless otherwise authorized.

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Copicode Alpha-X™ Copier / Printer Controller



Product Overview

The Copicode Alpha-X™ Copier / Printer Controller is a fully alphanumeric keypad controller designed to vend images against accounting quotas associated with users, departments and projects. It is functionally the same as the Copicode Alpha™, but is fully ethernet compliant.

The Alpha-X comes standard with approximately 1500 codes, but can be easily expanded in multiples of 1500 codes, up to a maximum of 6000 codes.

When used in conjunction with Copy-Track® software, the Alpha-X supports up to three levels of accounting through the use of segmented user codes.

The Alpha-X supports individual prices for up to four different image types, depending on copier / printer make and model. The Alpha-X stores 10 different quotas for limiting imaging activity by user or project. When used with Copy-Track software, four sets of four prices are supported across a network of copiers.

The Alpha-X can be configured for different keypad operation modes. Specifically, it can be set up for open accounting third party (client / matter) billing, a mode favored by the legal profession.

The Alpha-X has four speed buttons and four navigational arrows for quick and easy administrative programming. When used with Copy-Track software, all programming can be done remotely, at a PC.

With Copy-Track software, usage statistics can be downloaded, and user codes uploaded locally to a laptop [using a null ethernet cable], or remotely [using a hub connection]. Data can be transferred at will, or as a scheduled task. With port forwarding, or using a link server, Alpha-X controllers can even be polled for data over the Internet.

With Copy-Track software, copier preventative maintenance calls can be scheduled from downloaded usage data.

The Alpha-X comes standard with its own 24 VDC power supply, and is shipped with a copier / printer specific spring at no extra charge.

The Alpha-X has a small footprint, measuring only 7.75" x 4.25" x 2.5", and weighs a mere 2 lb. It comes with a one year (from date of shipment) warranty for manufacturing defects. It is perfect for locations with many copiers, where user codes must be updated regularly, and manual collection of user data is a significant expense.

Warranty

The Copicode Alpha-X is warranted against manufacturing defects for a period of one year from date of shipment, to be determined by its internal [boot up] serial number.

Advanced Technologies (TekVend) agrees to repair or replace any Alpha-X shown to have manufacturing defects within its warranty period. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on these warranty repairs or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper

is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair. Installer is expected to use the original copier specific harness (spring) supplied by Advanced Technologies (TekVend), and install the Copicode Alpha-X on the originally specified copier, unless otherwise authorized.

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TC11N Copier / Printer Controller



Product Overview

The TC11N Copier / Printer Controller is a proprietary magnetic card reader / encoder that vends images against value stored on reusable or throwaway magnetic stripe cards.

A special Administrator card is used to initialize and value these cards, and to set control parameters and prices. Depending on copier / printer make and model, and copier control mode selected, individual prices for up to four different image types are supported.

Copier / printer use privileges are determined by group numbers stored both on the cards and in the TC11N.

Usage statistics can be read out on the TC11N's LCD display.

The TC11N comes standard with its own 24 VDC power supply, but it can run off power from the copier / printer in many cases. It is shipped with a copier / printer specific spring at no extra charge.

The TC11N has a small footprint, measuring only 4" x 3.5" x 7", and weighs a mere 2 lb. It comes with a one year (from date of shipment) warranty for manufacturing defects.

Warranty

The M7500 is warrantied against manufacturing defects for a period of one year from date of shipment, to be determined by the serial number at boot up [equal to the serial number on its back].

Advanced Technologies (TekVend) agrees to repair or replace at its discretion any TC11N within the warranty period. Advanced Technologies (TekVend) agrees to pay ground return shipping and insurance on any warranty repair or replacement.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair. The installer is expected to use the original copier specific harness (spring) supplied by Advanced Technologies (TekVend), and install the TC11N on the originally specified copier, unless otherwise authorized.

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Card Types

Custom Cards Are Available

Administration Card



Pre-printed Plastic Reloadable Card



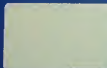
Key Operator Card



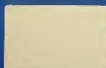
Cardboard Throwaway Card



Cleaning Card



Blank Plastic Reloadable Card



Card Types

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P200N Portable Printer



Product Overview

The P200N portable printer is both a fine standalone printer and a perfect companion to the Copicode Alpha™ keypad controller.

The P200N printer is truly portable, powered by an internal Ni-Cd battery pack. When not in use, the P200N battery pack can be recharged using an external 9VDC wall adaptor (provided).

The P200N is a serial printer, and thus can be hooked up to the COM port of any computer or to any RS232 device.

The P200N is a thermal printer, meaning that it prints very quickly and reliably, since there are no moving parts or ribbons in its print head.

The thermal paper needed is standard-sized, and is very easy to load. Simply drop in a roll, and close the lid. A convenient serrated blade is built in to the paper compartment for easy tearing off of printouts. Double thickness thermal paper can be used when two copies of a printout are needed.

The P200N is easy to program, supports multiple languages, accepts baud rates up to 38,400, and has three internal fonts supporting up to 42 characters across. It comes programmed to work "out of the box" with a Copicode Alpha.

An easy-to-follow color manual is supplied, along with two rolls of thermal paper.

Warranty

The P200N is warrantied against manufacturing defects for a period of one year from date of shipment, to be determined by the serial number on the back of its housing.

To honor legitimate warranty claims, Advanced Technologies (TekVend) agrees to repair or replace at its discretion any P200N found to have manufacturing defects within the warranty period specified. Advanced Technologies (TekVend) additionally agrees to pay ground return shipping and insurance on these warranty repairs or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair.

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RCT - Remote Control Totalizer



Product Overview

Ideal for the print shop and retail copy sales environments, the Remote Control Totalizer (RCT) allows an attendant to keep track of copies made on a copier up to 150 feet away. After copies are made and paid for, the attendant simply pushes a reset button to start the process over again for the next customer. The attendant can enable or disable the copier at will, using a keyswitch. The key is removable in either the enable or disable position, and so can be locked out after normal business hours.

Technical Specifications

- Easy to read six digit LCD display
- Powered by two long lasting N cells
- Standard 30 foot cable (can be extended)
- Copier specific harness (spring) included, with bypass plug
- Count circuitry accommodates 5 to 30 VDC copiers
- Wall or table mountable
- Comes with Velcro attachment tape
- Dimensions: 3" x 3" x 2.5"
- Weight: 1 lb

Warranty

The RCT is warranted against manufacturing defects for a period of one year from date of shipment, to be determined by the serial number on the back of its housing.

To honor legitimate warranty claims, Advanced Technologies (TekVend) agrees to repair or replace at its discretion any RCT found to have manufacturing defects within the warranty period specified. Advanced Technologies (TekVend) additionally agrees to pay ground return shipping and insurance on these warranty repairs or replacements.

Advanced Technologies (TekVend) cannot be responsible for any damage that occurs to product returned to it due to inadequate return shipment procedures. The shipper is responsible for ensuring that return shipment packaging is adequate and that the return shipment is adequately insured.

Advanced Technologies (TekVend) does not warranty its product for damage caused by abusive use, vandalism, improper installation, and improper field repair. Installer is expected to use the original copier specific harness (spring) supplied by Advanced Technologies (TekVend), and install the RCT on the originally specified copier, unless otherwise authorized.

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Copy-Track® Controller Software

Product Overview

Copy-Track® is a PC based program that works in conjunction with Copicode Alpha™ and Alpha-X™ terminals to control and account for copying activity on copiers. Copy-Track manages up to 4200 user codes per copier, and supports up to 999 copiers.

Copy-Track communicates with Alpha terminals via RS232 serial, USB serial, ethernet, or Palm handheld protocols.

Ethernet communication, local or remote, requires Alpha-X terminals. Both Copicode Alpha and Alpha-X terminals are fully alphanumeric.

User codes can be up to 16 characters in length, and can be segmented into two or three parts for higher levels of accounting. User codes can either be pre-entered for security, or entered "on the fly" for third party billing.

User code names can be up to 25 characters long, and copier names can be up to 16 characters long. User codes and copiers are shown in column sortable tables. Segments of user codes can be displayed in separate, sortable columns.

Copy-Track has extensive reporting capabilities, especially with segmented user codes. Reports are based on readings, and are date range selectable. Individual reports for a user code single segment are also possible: for example, you can generate a report for one user, by client and matter, or one client, by matter and user. These individual reports can function as invoices for third party billing. All reports are fully printable, and exportable to Excel, or to the Clipboard.

Three different user prompts are available on Alpha and Alpha-X terminals. For copiers supporting multiple pricing schemes, the Alpha and Alpha-X terminals support up to four sets of four prices for four different copy types.

User codes picked up from individual Alpha and Alpha-X terminals can be accepted into the Copy-Track database and possibly propagated to other terminals according to a rule set in the program.

Data are first read, then collected by Copy-Track. Serial and Palm connections to Alpha terminals can be autodetected. These data are then placed in Copy-Track's Access database. This database can be placed anywhere on a network, be password protected and addressed simultaneously by multiple instances of Copy-Track.

Copier activity is shown in clicks by copy type, and accumulated value by user code. This activity can be valued in units or money. A collection report shows which copiers have had data collected from them. Copier activity is used to generate preventative maintenance reports. Data from Alpha-X terminals can be collected locally or remotely [over the Internet], either at will or on a scheduled basis.

User codes can be activated or deactivated individually or in groups.

Copy-Track is licensed by base cost, plus number of active copiers and active user codes needed. Palm data collection software is sold pre-loaded in a Palm Tungsten C handheld or equivalent, which comes with a special cable.

Copy-Track is designed to run on a Windows PC with a Windows 2000, Windows XP or Windows 2003 Server operating system.



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Print-Track® Print Tracking Software



Product Overview

Print-Track® is one of a suite of software products designed by Advanced Technologies Inc. (TekVend) to control and account for copying and printing activity on standalone copiers, networked digital copier-printers, and printers.

Print-Track is a revolutionary new printer control and accounting software product for Windows PCs. Print-Track comes in two versions: Print-Track Plus™, and Print-Track Pro™.

If you are interested in controlling copying, separately, or with printing, please investigate our sister products Copy-Track® and Image-Track® respectively.

Both versions of Print-Track work stand-alone, on a small workgroup network, or on a domain. Print-Track comes with three standard components: Print-Track Server, Print-Track Client, and the common (networkable) database. A variation of Print-Track Client, Print-Track Release Station™ can be licensed and used in conjunction with a vending station for anonymous vending of print jobs.

Print-Track works with Win2000, XP Pro and Win 2003 clients. Print-Track Server need not be mounted on a Win 2000 or 2003 server: it can be mounted on any Admin logged-on PC on the Windows network, and it controls and accounts for any printer locally attached to any PC on that network, including IP printers. Print-Track Client should be (but does not have to be) mounted on all network PCs that originate monitored print jobs, but it must be mounted on all network PCs that have locally monitored printers. In "print for pay" or other "secure release" scenarios, Print-Track Release Station should be installed on a designated PC other than the server PC. In limited situations, the "fast switching" feature of XP Pro can be used, but "fast switching" is not supported on a Windows domains.

While Print-Track works on a workgroup network, setting up a domain is highly recommended for networks larger than a few PCs, because a domain's Active Directory is well suited for logon authentication, PC netbios identification, and uniform printing security policies. See our white paper "Controlling and Accounting for Printing on a Windows Network".

While Print-Track is designed for Windows networks using Windows print drivers, it will properly control and account for (against Mac and Samba logon) any print jobs originating from Mac Panther or Tiger clients and utilizing CUPS PostScript 3 print drivers. In such cases, the Mac clients are not bound to Active Directory but instead print via Samba using our Mac-Track feature.

Because Print-Track uses TCP/IP communication, it will work between Windows clients and print servers on a Novell™ network.

Main Features of Print-Track Plus

- Pauses and resumes local and remote printers
- Pauses print jobs to account for all important print job characteristics, including document name, originating PC name, logon, destination printer, paper size, color vs. B/W, duplex (Word docs), number of copies and pages, job cost, job size, and date and time submitted (or completed)
- Accurately counts Word copies and automatically groups multiple copies of Excel spreadsheets in parent-child format
- Accurately counts Word pages for "Nup" or "Nup of Nup" printing for most printers (hp and Lexmark emulation)
- Accounts for and parses print jobs on the local PC, not the application server, utilizing Print -Track Client
- Allows decimal pricing per print impression to hundredths of a cent, by groups of printers, for color and B/W



- Default printer pricing can be assigned
- Supports all Windows defined standard paper sizes
- Custom paper sizes can be defined and added
- Built-in duplex discount factor is available
- Printers can be monitored for secure release from a Print-Track Release Station™, or monitored for immediate printing after accounting and parsing
- Printers can be monitored and jobs accepted while a printer is in Service Mode™
- Secured print jobs are located by an "adjustable minimum length" release password, and can be paid for by coin, bill, card or one or two billing codes.
- Jobs pending queue view can be limited to a single highlighted printer
- Jobs can be kept for reprinting in or out of a server session, to avoid paying refunds for misprinted "print for pay" jobs, or any other reason
- Jobs pending, jobs completed and jobs kept queues can be column sorted by job characteristic
- Queues can be customized to remove unwanted information
- Jobs can be automatically deleted for spool size, total number of pages, total job cost, parsing errors, non-responding client, creation while unmonitored, and length of time in the jobs pending queue
- Detailed reports can be sorted for up to seven variables (printer, originating PC, logon, billing codes (two possible types), color and duplex), and numerous custom preset reports are available
- Reports can be generated for individual billing codes, such as one client or one matter.
- Jobs can be exported as Excel or PDF files
- Open accounting (codes can be entered on the fly) and closed accounting (codes must be pre-entered, typed in or drop down selected) are supported
- Two types of custom definable billing codes are available
- Print-Track Server, Client and Release Station are password protected for both their connected and unconnected states
- Print-Track Client and Print-Track Release Station can be automatically booted at Windows startup and new logon (HKLM)
- Clients are differentiated by public (anonymous) and private (trusted) status
- Client statuses can be set globally and individually
- Trusted users at private clients can print to any type of monitored printer, but anonymous users at public clients can print only to secure printers via print release stations, and must pay for their print jobs
- If billing codes are not used, private clients can print with review only, or can print to non-secure printers immediately, without any popup dialog (except printing errors)
- Print jobs can be (but do not have to be) accepted from PCs with no client, or a non-reporting client, for printing to non-secure printers
- Multiple instances of Print-Track can be conjoined to a single networkable and password protectable Access or SQL Server database to produce comprehensive reports on completed print jobs
- Printers of all types of job languages are supported through a constantly updated parameters file (see list below)
- Statuses of local and remotely monitored printers can be checked and updated at any time
- Accumulated value can be specified in various currencies
- Print-Track is transparent to Windows; no custom port monitors are installed

Additional Features in Print-Track Pro

- Print jobs can be immediately released against a value limited account based on logon and/or account code
- Accounts can be marked as budgetary (virtual value), or monetary (real value)
- New accounts can start with a specific value
- Budgetary accounts can be replenished on a regular basis, either as an "overwrite" or as an "add"
- Accounts can be set to run negative values
- Monetary accounts can be revalued manually or automatically (at print release stations)
- Reports additionally monitor account usage, remaining value and active status
- Accounts can expire after a certain period of non-activity, after a certain date, or after a certain age
- Account balance can be determined at the client
- Anonymous users at public clients can print to secure and non-secure printers against their account code value

- The privilege to use only a group of printers can be assigned to an account
- One or more accounts can be assigned a pricing discount factor
- Print jobs can be redirected to identical or equivalent printers, either unilaterally, or as part of a load balancing scheme

Features of Print-Track Release Station

- No pulse-enable dongle is required
- Jobs are located at the release station by entering a temporary alphanumeric release password of definable minimum length
- Private clients jobs print without monetary payment
- Public client jobs require monetary payment
- Payment can be made with coin, bill, card account value, or billing code(s)
- Vending controller can vend both copies and prints when connected to a multifunctional copier / printer
- Vending controller with card readers can be constrained to vend prints by card only for all print jobs, or those above a certain value, while allowing vending of copies by coin, bill or card
- Vending controller can be set to "escrow last bill inserted" to save change
- Vending controller copy vending by card can be discounted relative to copy vending by coin or bill
- Reprints of misprinted jobs can be performed by an Administrator at the release station
- Orphaned jobs can be printed against monetary, account or billing code value

Licensing and Downloads

Print-Track Plus and Print-Track Pro are licensed by number of monitored printers on an instance of Print-Track Server, for a specific time period (the lease period). Instances of Print-Track Release Station are licensed on a per use basis. Licensing must be completed through an email function. Please call us for pricing.

If you are interested in either version of Print-Track, you can download the appropriate demo version from our Web site at

<http://www.tekvend.com/products/Print-Track.cfm>

You can also download various sample reports and an Excel spreadsheet of supported printers (which is constantly being updated). If any of your organization's printers are not listed, this most probably only means that the driver has not been "officially tested" by TekVend personnel.

Windows 98 clients have not been tested with Print-Track, and are not supported. Additionally, installation of Print-Track server automatically includes the installation of Dot Net as required.

Installation and Technical Support

We will be glad to work with your IT personnel and your local copier / printer supplier to assure a smooth, quick and successful installation.

Print-Track comes with free software updates and telephone support for the duration of the lease period.

Vending Controllers

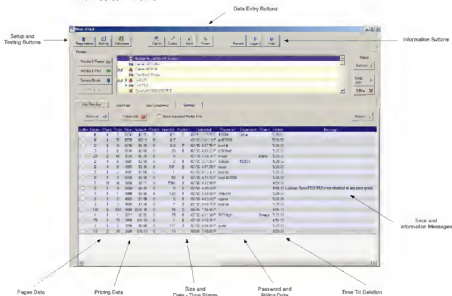
Currently, TekVend offers four vending controllers suitable for attachment to a Print-Track Release Station: the M6500S, M6506S, M7500S and M7506S controllers. These controllers are identical to the M6500, M6506, M7500 and M7506 controllers respectively, except they have a serial port and specialized software for connecting to a release station PC. For a premium charge, these controllers can be connected to a release station via a USB port, or an IP hub connection on the local area network.

Note that not only can these controllers simultaneously control copying and printing on a single copier/printer, but they can also simultaneously control multiple printers. Furthermore, copy control can be performed via Print-Track Release Station on a locally attached copier/printer. Finally, print vending can be limited to cards only (totally, or above a certain print vend price).

Main Screen - View One

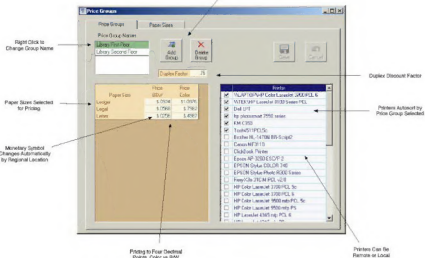


Main Screen - View 2



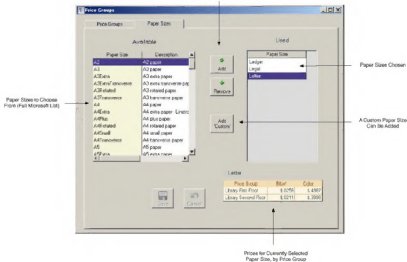
Price Groups

Add or Delete a Price Group



Paper Sizes

Paper Size Monitored
Can Be Added or Removed



Active Clients Reporting

The 'Clients Table' window displays a list of active clients. The table has two columns: 'Host Name' and 'IP Address'. The data is as follows:

Host Name	IP Address
tek	192.168.1.70
Laptop	192.168.1.73
Cell	192.168.1.71

Annotations point to the following elements:

- Public Client**: Points to the 'tek' client.
- Private Client**: Points to the 'Laptop' client.
- Client Netbios Name and IP Address**: Points to the 'Cell' client.
- Server Host Name**: Points to the 'Server Host Name' label.
- Server IP Address**: Points to the 'Server IP Address' label.
- Server Netbios Name and IP Address**: Points to the 'Server Host Name' and 'Server IP Address' labels.

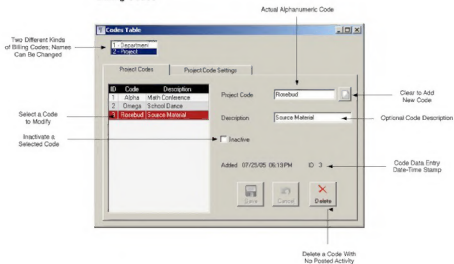
Reports Generator Screen

The 'Reports' window displays report generation options. The 'Report' section has 'Job Log' selected. The 'Sort by' section has 'Printer', 'Machine', 'Department', and 'Project' options. The 'Date Completed' section has 'From' and 'Through' date pickers. The 'Include Jobs' section has 'Printed', 'Deleted', and 'Both' options. The 'Show Messages' section has a 'None' dropdown. The 'View Report' button is at the bottom right.

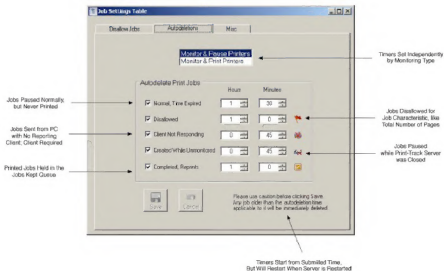
Annotations point to the following elements:

- Sort Order (None to Four Sorts)**: Points to the 'Sort by' section.
- Choose Date Range**: Points to the 'Date Completed' section.
- Choose Jobs to Include**: Points to the 'Include Jobs' section.
- Other Settings**: Points to the 'Show Messages' dropdown.

Billing Codes



Job Autodeletion Timers



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VendGuard™ 1000 On-line Vending Machine Controller



Product Overview

Advanced Technologies (TekVend) is pleased to introduce the VendGuard™ 1000 on-line vending machine controller. This new product represents a quantum leap in the vending machine industry.

No longer are vending machines merely money-based dispensers of candy bars, soft drinks and the like. Instead, they are used as on-line terminal dispensers of - and accounting mechanisms for - any motor drivable product needed by employees to do their jobs.

With the VendGuard 1000 Controller, employees can receive any item they need at any time: 24 hours a day, 7 days a week, 365 days a year. Plus, they are held accountable for every item they receive. Further, the server that the vending machine communicates with (is a terminal to) determines which items an employee is authorized to receive.

With the VendGuard 1000 system, which includes TekVend's controller installed in a pullout drawer and connected to from one to three vending machines:

- Employees receive items needed to do their jobs at any time, including weekends and graveyard shift
- Employees are held responsible for every item dispensed to them (no hoarding or shrinkage can happen)
- Employees receive only the items they are authorized to receive
- There is no labor cost associated with dispensing these items
- There is essentially no labor cost associated with receiving these items
- Liabilities related to accidents associated with needed items not being available after hours is reduced essentially to zero

Keep in mind that each item dispensed is date-time stamped at the server as dispensed to a particular employee. On-line vending machines can therefore be refilled on a replacement only basis, significantly reducing inventory stock.

One obvious application for VendGuard 1000 controller equipped vending machines is the dispensing of personal protection equipment and daily consumables in a factory environment: gloves, sweatbands, safety glasses, batteries, Kevlar sleeves, tapes, tape measures, knife blades, lubricants, touchup paints, locks, lockout tags, etc.

Another obvious application is office supplies in a shared environment, specifically inkjet cartridges and other expensive consumables. A third application would be hospital consumables such as bandages, gauze, syringes, suture kits, surgical gloves, antiseptic hand lotion, etc.

The VendGuard 1000 controller installs easily in a vertical pullout drawer designed to fit into a Fawn / USI Snackmart vending machine. The vending machine in turn is connected on-line to a remote server hosted by Transentric Corporation. The entire package is assembled and marketed by VendGuard of Spokane, WA. Advanced Technologies (TekVend) manufactures the terminal electronics and hardware that controls the vending machine.

If you are interested in this product, including new applications, please do not hesitate to contact VendGuard directly.